



# Crops & Weather

National Agricultural Statistics Service  
Minnesota Field Office

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In Cooperation with the Minnesota Department of Agriculture, National Weather Service – Chanhassen MN,  
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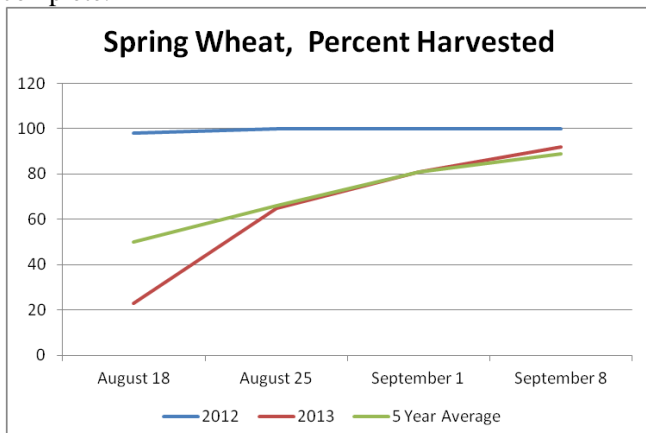
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Soil moisture supplies continued to decline in Minnesota during the week ending September 8, 2013 according to the USDA, National Agricultural Statistics Service. Almost one-third of the state's topsoil and 23 percent of the subsoil was rated very short as many areas received no precipitation. Northwest Minnesota had the most rainfall at 0.29 inch. The statewide average rainfall amount was only 0.05 inch. Minnesota's average temperature was 4.4 degrees above normal at 66.9 degrees. An average of 6.4 days were suitable for field work statewide.

Nearly all of the state's corn was at or beyond the milk stage. Corn was 85 percent at or beyond the dough stage, remaining almost a week behind the average 94 percent. Corn is 50 percent dented, compared to last year's 95 percent. Scattered observations of mature corn were reported. Corn conditions were rated 3 percent very poor, 10 percent poor, 36 percent fair, 44 percent good and 7 percent excellent. Ninety-eight percent of soybeans were setting pods, compared to the average of 100 percent. Twenty-seven percent of the soybeans are turning yellow, well behind last year's 81 percent. Seven percent of soybeans are dropping leaves, 5 days behind normal. Soybean conditions rated 51 percent good or excellent. Spring wheat harvest, at 91 percent, moved slightly ahead of the five-year average of 89 percent. Sweet corn harvest advanced 14 percentage points to 70 percent but remained behind the normal 76 percent.

Nearly half of Minnesota's pastures were rated poor to very poor. The harvest of third cutting alfalfa was 71 percent complete.



## Soil Moisture Levels as of September 8, 2013

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture	31	38	31	0
Subsoil Moisture	23	38	39	0

## Crop Condition as of September 8, 2013

	Very Poor	Poor	Fair	Good	Exc.
Pasture .....	23	25	29	23	0
Sugarbeets .....	1	5	25	62	7
Sunflowers .....	0	3	50	42	5
Corn .....	3	10	36	44	7
Soybeans .....	2	11	36	45	6
Canola .....	0	4	52	43	1
Dry Beans .....	4	11	43	33	9

## Crop Progress as of September 8, 2013

	This Week	Last Week	Last Year	5 Yr Avg.
Days Suitable for Fieldwork	6.4	6.6	6.5	5.7

	Percent	Percent	Percent	Percent
Corn milk .....	97	94	100	100
Corn dough .....	85	68	100	94
Corn dent .....	50	22	95	72
Corn Silage harvested .....	23	4	85	39
Soybeans setting pods .....	98	94	100	100
Soybeans turning yellow .....	27	8	81	51
Soybeans dropping leaves .....	7	1	47	17
Oats harvested .....	97	93	100	97
Spring Wheat harvested .....	91	81	100	89
Barley harvested .....	91	84	100	93
Sweet Corn harvested .....	70	56	87	76
Canola harvested .....	10	4	98	71
Dry Beans fully podded .....	97	87	100	NA
Dry Beans leaves yellow .....	69	35	97	NA
Dry Beans dropping leaves .....	37	9	82	NA
Potatoes harvested .....	29	24	36	30
Alfalfa, third cutting .....	71	63	NA	NA

## Precipitation and Temperature Summary for 9/02/2013 through 9/08/2013

	Temperature				Precipitation				G D D	
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal			Since 05/16	Depart From Norm
						Past Week	Four Weeks	Since 4/1		
NORTHWEST DISTRICT										
Crookston	92	41	67.4	5.8	0	-0.63	-1.69	-5.35	2037	156
Itasca	M	M	M	M	M	M	M	-6.68m	843m	-795m
Moorhead	92	41	70.3	6.9	1.16	0.56	-1.07	5.35	2198	151
Pembina, ND	87	42	62.5	3	0	-0.54	0.61	2.93	1765	62
Warroad	84	44	61.4	2.1	0	-0.67	-1.82m	-6.12m	1566m	-98m
NORTH CENTRAL DISTRICT										
Grand Rapids	87	41	63	2.5	0.03	-0.75	-1.24	-3.07	1764	0
Intl. Falls	84	37	59.6	2	0	-0.7	0.15	4.72	1615	96
NORTH EAST DISTRICT										
Duluth	88	45	63.8	4.5	0	-0.98	-2.13	-1.78	1747	215
Grand Marais	75	48	60.2	0.9	0	-0.66	-0.78	7.6	987	-233
Hibbing	85	34	59.6	2.6	0.01	-0.7	0.01	-0.72	1659	252
WEST CENTRAL DISTRICT										
Alexandria	91	49	70.1	7.2	0.14	-0.59	-2.18	-3.46	2084	108
Breckenridge	92	43	69.5	6.5	0.1	-0.64	-2.43m	-4.38m	1938m	-72m
Browns Valley	91	42	67.2	3.9	0	-0.65	-2.47	-2.93m	1798m	-240m
Canby	93	48	69.5	4.5	0	-0.69	-2.57m	4.02m	2108m	-70m
Montevideo	92	44	67.5	3.5	0	-0.8	-1.92	4.11	2065	-33
Morris	90	45	67.6	4.6	0.03	-0.66	-1.26	1.42	2011	13
Wheaton	90	47	68.2	4.7	0	-0.73	-1.91	-2.61	2069	-10
CENTRAL DISTRICT										
Becker	90	45	69.4	5.7	0.02	-0.94	-3.33	-7.42	2175	125
Collegeville	90	51	70.7	5.7	0.05	-0.82	-3.02	-2.18	2136	-28
Hutchinson	93	47	69.4	5.1	0	-0.87	-3.83	.54m	2151m	24m
Melrose	92	42	67.2	5.1	0	-0.8	-3.17	-1.44	2015	90
Olivia	91	45	67.2	3.9	0	-0.82	-2.76	0.87	1981	-96
St. Cloud	92	41	68.1	5.6	0.02	-0.85	-3.22	-1.84	2020	61
Wadena	89	46	66.2	5.9	0	-0.66	-2.58	-3.10m	1721m	-15m
Willmar	91	47	67.8	3.7	0	-0.87	-2.4	-3.18m	2044	-84
EAST CENTRAL DISTRICT										
Aitkin	92	40	63.3	3.3	0.01	-0.75	-1.11	.25m	1681m	-17m
Forest Lake	94	50	70.2	6	0	-0.86	-3.37	-2.23	2133	11
MSP Airport	94	53	72.9	7	0	-0.82	-3.6	2.66	2443	176
Mora	91	41	65.8	4.1	0	-0.85	-3.28	-3.21m	1925	54
St. Paul - UofM	91	48	69.2	5	0	-0.86	-2.72	4.05	2126	4
SOUTH WEST DISTRICT										
Lamberton	92	46	70.2	6	0	-0.84	-2.7	-3.82	2186	48
Marshall	93	47	72.3	7.5	0.01	-0.76	-2.41	-3.21m	2264	83
Pipestone	89	43	70	6.1	0	-0.78	-2.74	-3.30m	2056m	-15m
Redwood Falls	94	48	72.2	7.2	0	-0.78	-2.78	-5.44	2260	59
Sioux Falls	90	49	73.2	7.9	0	-0.68	-1.96	0.94	2259	68
SOUTH CENTRAL DISTRICT										
Worthington	88	47	69.4	5.5	0.01	-0.83	-2.03	-2.61m	2131m	41m
North Mankato	89	46	69.8	5	0.02	-0.82	-2.36	-4.55m	2102m	-62m
Owatonna	90	45	68.8	3.8	0	-0.97	-2.93	2.65	2159	15
Waseca	89	44	68.3	3.2	0.02	-0.94	-3	4.64	2134	-43
Winnebago	89	45	70	4.9	0.15	-0.71	-3.12	4.04	2240	54
Cannon Falls	M	M	M	M	M	M	M	.17m	1266m	-794m
SOUTH EAST DISTRICT										
La Crosse	94	48	71.1	4.6	0	-0.93	-3.72	1.81	2369	71
Preston	97	41	67.8	3.6	0	1.01	-3.94	7.21m	2076	29
Red Wing	92	46	68.6	3.2	0	-0.96	-3.57	-0.57	2240	74
Rochester	91	43	68.8	4.3	0.01	-0.91	-3.42	8.19	2128	23
Rosemount	93	46	68.5	4	0	-0.94	-3.63	-1.52m	2098	-4
Winona Dam	91	51	69.4	4.1	0	-0.95	-3.17	4.96	2214	75

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

Data in this summary are courtesy of National Weather Service Offices and Cooperators, and the University of Minnesota Agricultural Experiment Station. This summary is prepared by the Minnesota Extension Service Agricultural Meteorologist and the Department of Natural Resources State Climatology Office. URL://climate.umn.edu